

### CLAIMS AMENDMENT

Claims 1-16 (Canceled).

Claim 17 (Currently amended). An improved nucleic acid analyzer for amplifying and determining a DNA or RNA, wherein the improvement comprises:

at least one container configured to hold a sample comprising nucleic acids,

a first conductor and a second conductor electrically connected to said container, and

a circuit configured to control and provide a voltage across said first conductor and said second conductor,

whereby wherein said container, said first conductor, said second conductor and said circuit are configured so that the voltage is applied to the sample in said container through said first conductor and said second conductor and facilitates the amplification and determination of the DNA or RNA.

Claim 18 (Previously presented). The analyzer of claim 17 wherein  
a part of said first conductor and a part of said second conductor are located in said container.

Claim 19 (Previously presented). The analyzer of claim 17 wherein  
a part of said first conductor and a part of said second conductor are located adjacent to said container.

Claim 20 (Previously presented). The analyzer of claim 17 further comprising an apparatus configured to receive multiple samples at the same time and to provide a new sample in said at least one container.

Claim 21 (Currently amended). The analyzer of claim 20 further comprising a process path configured to receive said container, wherein said process path ~~comprising~~ comprises a thermal regulation device configured to thermally regulate said container.

Claim 22 (Previously presented). The analyzer of claim 21 further comprising a transport system configured to transport said container along said process path from one location to another.

Claim 23 (Previously presented). The analyzer of claim 17 wherein said circuit comprises a microcontroller configured to control said circuit.

Claim 24 (Previously presented). The analyzer of claim 17 wherein said circuit comprises an adjustable voltage regulator configured to adjust the voltage.

Claim 25 (Previously presented). The analyzer of claim 17 wherein said circuit comprises a polarity reversal relay configured to control the voltage.

Claim 26 (Previously presented). The analyzer of claim 17 wherein said circuit is circuit 82 as illustrated in Figure 34.

Claim 27 (Previously presented). The analyzer of claim 17 wherein said first conductor comprises a pipettor.